

REMARKS

Claims 1-86 are pending in the application. Claims 1-86 are subject to a restriction requirement. In the restriction requirement, the Examiner has asked the applicant to select one of four patentably distinct species based on different portions of the specifications. Upon review of the application, Applicant discussed with the Examiner the possibility of a simpler separation into three species based on the claims themselves. The Examiner concurred. Accordingly, Applicant has identified the following inventions in the application:

- I. Claims 1-26, 42-63 and 76-80 directed towards a method, apparatus and system for analysis of fluids recovered from an earth formation using enhanced polarization;
- II. Claims 27-41 and 64-75 directed towards a method and apparatus for determining a parameter of interest of an earth formation based on enhancing alignment of spins in the earth formation by introducing a polarizing agent into the formation; and
- III. Claims 81-86 directed towards a method of analyzing a fluid of an earth formation by dissolving a polarizing agent in the fluid and obtaining NMR signals from the dissolved polarizing agent.

Applicant elects to prosecute claims from Group I in the present application.

Claims from Groups II and III have been withdrawn.

Typographic errors in claims 1 and 42 have been corrected. No new matter has been added by the amendments. Consideration of the application as amended is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (584-35879-USCP).

Respectfully submitted,

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